

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                                | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|------------------------------------|------------------|---------|---------------------|
| L1    | 2959  | 428/116.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:11 |
| L2    | 608   | 428/117.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:11 |
| L3    | 1064  | 428/119.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:11 |
| L4    | 1128  | 428/188.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:11 |
| L5    | 1391  | 55/523.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:12 |
| L6    | 346   | 55/483.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:12 |
| L7    | 1714  | 55/502.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:12 |
| L8    | 1497  | 156/60.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:12 |
| L9    | 673   | 156/89.11.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:12 |
| L10   | 221   | 264/177.12.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:13 |
| L11   | 10603 | l1 or l2 or l3 or l4 or l5 or l6 or l7 or l8 or l9 or l10 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS | OR               | ON      | 2009/05/19<br>14:13 |

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|-----|----|---|---|----|-----|---------------------|
| L12 | 16 | L10 and (through adj2 hole)and (partition adj2 wall)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | ON  | 2009/05/19<br>14:14 |
| L13 | 38 | L10 and ((through adj2 hole) or cell)and (partition adj2 wall)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | ON  | 2009/05/19<br>14:14 |
| L14 | 4  | L10 and ((through adj2 hole) or cell)and (partition adj2 wall) and (surface with rough\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | ON  | 2009/05/19<br>14:15 |
| L15 | 54 | L11 and ((through adj2 hole) or cell)and (partition adj2 wall) and (surface with rough\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | ON  | 2009/05/19<br>14:15 |
| L16 | 22 | L11 and ((through adj2 hole) or cell)and (partition adj2 wall) and (surface with rough\$4) and (plug or plugged)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | ON  | 2009/05/19<br>14:16 |
| L17 | 19 | L11 and ((through adj2 hole) or cell)and (partition adj2 wall) and (surface with rough\$4) and (plug or plugged) and (silicon same ceramic)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | ON  | 2009/05/19<br>14:16 |
| L18 | 0  | ((through adj2 hole) or cell)and (partition adj2 wall) and (surface with rough\$4) and (plug or plugged) and (silicon same ceramic)   | EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2009/05/19<br>14:16 |
| L19 | 0  | ((through adj2 hole) or cell) and (partition adj2 wall) and (surface with rough\$4) and (plug or plugged) and (silicon same ceramic)  | EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | ON  | 2009/05/19<br>14:29 |
| L20 | 21 | L11 and ((through adj2 hole) or cell)and (partition adj2 wall) and (surface with rough\$4) and (plug or plugged) and (silicon)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | ON  | 2009/05/19<br>14:29 |
| L21 | 7  | ((komori with teruo) or (ohno with Kazushige) or (hong with sungtae) or (sato with hiroki)) and ((through adj2 hole) or cell)and (partition adj2 wall) and (surface with rough\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | ON  | 2009/05/19<br>15:12 |
| S1  | 0  | ("2003021948").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2007/06/19<br>16:41 |
| S2  | 35 | ((("2003021948") or ("5930994") or ("5914187") or ("6447564") or ("6669751") or ("6565630") or ("20040031264") or ("20040033175") or ("20040161596") or ("20040055265") or ("6770116") or ("20040223892") or ("200500161141") or ("200500161140") or ("20050011174") or ("20050076626") or ("2003155908") or ("0568828") or ("2001334114") or ("0581968"))).PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/03<br>15:00 |

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| S3  | 0      | ("10530561").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21<br>10:22 |
| S4  | 2      | ("20060068159").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21<br>10:55 |
| S5  | 31458  | "48"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | OFF | 2007/06/21<br>10:55 |
| S6  | 227188 | "428"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | OFF | 2007/06/21<br>10:56 |
| S7  | 161    | S6 and honeycomb and plugged                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | OFF | 2007/06/21<br>10:56 |
| S8  | 161    | S6 and honeycomb and plugged                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21<br>10:57 |
| S9  | 65     | S6 and honeycomb and plugged and (silicon same ceramic) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21<br>14:32 |
| S10 | 227188 | "428"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | OFF | 2007/06/21<br>14:34 |

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| S11 | 1 | S10 and honeycomb and plugged and (silicon same ceramic) and porosity and roughness and partition and thickness and ("Si" with peak) and diffraction and catalyst | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21<br>14:35 |
| S12 | 1 | honeycomb and plugged and (silicon same ceramic) and porosity and roughness and partition and thickness and ("Si" with peak) and diffraction and catalyst         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21<br>14:35 |
| S13 | 1 | honeycomb and plugged and (silicon same ceramic) and porosity and roughness and partition and thickness and ("Si" with peak) and diffraction and catalyst         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/06/21<br>14:35 |
| S14 | 3 | ("9856751").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21<br>14:38 |
| S15 | 0 | ("10671418").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21<br>14:38 |
| S16 | 1 | ("20010730").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21<br>14:40 |

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| S17 | 2 | ("6669751").PN.                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/06/21<br>14:40 |
| S18 | 2 | ("7056568").PN.                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/04<br>11:28 |
| S19 | 0 | ("S18andporosityandroughandpartitionandcatalyst").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/04<br>11:34 |
| S20 | 2 | ("7056568").PN.                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/04<br>11:34 |
| S21 | 0 | S20 and porosity and rough and partition and catalyst | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | ON  | 2007/12/04<br>11:35 |
| S22 | 1 | S20 and porosity and partition and catalyst           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS                                      | OR | ON  | 2007/12/04<br>13:47 |
| S23 | 1 | ("20060052222").PN.                                   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2007/12/04<br>13:47 |
| S24 | 2 | ((("20060217262") or ("20060288678")).PN.             | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/06/22<br>17:26 |

5/19/2009 3:14:56 PM

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